

NAT I General Science Quantitative

Sr	Questions	Answers Choice
1	$2.08 - (0.5)^2 = ?$	A. -1.20 B. 1.88 C. 1.83 D. 2.16
2	If $abc = 2$ and $a = c$ then $b =$	A. $a^{2/3}$ B. $1/2a$ C. $2/a^{2/3}$ D. $2-a^{2/3}$
3	In solving an arithmetic example, Donna, by mistake multiplied by 6 instead of dividing by 6. If her answer was $13 \frac{1}{5}$, what should be the correct answer to the example ?	A. $2 \frac{8}{11}$ B. $5/66$ C. $2 \frac{1}{5}$ D. $11/30$
4	$2xy$ when multiplied with $x^2 + y^2$ gives ?	A. $2x^{2/3}y^{3/2}$ $2xy^{3/2}$ B. $2x^{4/3}y^{1/2}$ $2x^{2/3}y^{2/3}$ C. $2xy^{2/3} + 2x^{2/3}y$ $2xy^{3/2} + 2x^{1/3}y$ D. $2xy^{3/2} + 2x^{2/3}y$
5	<p>The death rates for three diseases are :</p> <p>Disease R 2 People out of 10,000 Disease S 13 People out of 1,000,000 Disease T 9 People out of 100,000 Disease R 2 People out of 10,000</p> <p>What is the combined death rate for the three diseases?</p>	A. 123 out of 1,000,000 B. 42 out of 10,000 C. 42 out of 1000,000 D. 303 out of 1,000,000
6	Which of the following is the sum of two consecutive prime numbers?	A. 66 B. 52 C. 41 D. 29
7	$x + y = 17$ and $x = 2$, then value of y ?	A. 13 B. 15 C. 19 D. 10
8	A motion was passed by a vote of 5 : 3. what part of the votes cast was in favor of the motion?	A. $3/5$ B. $5/8$ C. $3/8$ D. $5/3$
9	The population of a city increased in two years from 25,000 to 30,000; find the percent increase during the time.	A. 10% B. 20% C. 40% D. 5%
10	Four people are asked to stand in a straight line. In how many different orders can they line up?	A. 12 B. 16 C. 24 D. 6
11	Question Image	A. $b-180$ B. $b-90$ C. $180-a/2$ D. $180-a$
12	$(60)^2 = ? \times 7$	A. 3600 B. 3528 C. 0.02 D. 50
13	If 7 apples cost y cents, how many apples will x dollars buy ?	A. $x/7y$ B. $7x/y$ C. $7x/100y$ D. $700x/y$
14	$x^2 = 1681$ $x = ?$	A. 31 B. 41 C. 51

15 Mr.Kashif got an average of 50 in 6 tests. What should he get in the next test to attain the average of 60?
A. 120
B. 60
C. 100
D. 70

16 How many integers between 28 and 98 are exactly divisible by 7 ?
A. 9
B. 11
C. 12
D. 8

17 A team played 30 games of which it won 24. What part of the games played did it close ?
A. 1/5
B. 5/6
C. 6/5
D. 5

18 $72/3 + 18/6 = ?$
A. 72
B. 8
C. 18
D. 48

19 If you have 50 green, 50 orange, and 50 yellow jelly beans, how many bags can you fill for Halloween each containing 2 green, 3 orange, and 4 yellow jelly beans ?
A. 12
B. 13
C. 16
D. 17

20 $Ay - b = c$, dy what is 'y' in terms of 'a', 'b' and 'c'?
A. $(c+b) / (a+d)$
B. $(c-b) / (a+d)$
C. $(c-b) / (a+d)$
D. $(c+b) / (a-d)$